

JUN 15 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Carcagno *et al.*

Appl. No. 09/830,964

Filed: May 3, 2001

For: Methods of Purifying Recombinant
Human Erythropoietin from Cell
Culture SupernatantsArt Unit: *To Be Assigned*Examiner: *To Be Assigned*

Atty. Docket: 1909.0030002/JAG/CMB

Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following, in regards to non-English language documents AT3, AR4, AS4 and AT4 cited on Form PTO 1449:

Documents AT3, AR4, AS4 and AT4 are in the French language. No English translations are readily available. These documents appear to show evidence of a substance isolated from blood capable of regulating hematopoiesis.

Document AT11 is in a foreign language. An English language abstract is on the first page of this document.

The Examiner's attention is directed to the following co-pending U.S. Patent Applications, which are directed to related technical subject matter:

U.S. Patent Application No. 09/830,967, filed May 3, 2001, submitted herewith as Document AS17; and

U.S. Patent Application No. 09/830,968, filed May 3, 2001, submitted herewith as Document AT17.

BEST AVAILABLE COPY

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FORM PTO-1669 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1909-0030002/JAG/CH3		APPLICATION NO. 09/830,966			
		APPLICANT Corporation et al.		FILING DATE May 3, 2001		GROUP To Be Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1		6,667,016	05/19/1987	Lai et al.	530	397	06/20/1985
AB1		6,667,193	06/30/1987	Houck et al.	530	397	01/11/1985
AC1		6,703,008	10/27/1987	Lin	635	260.2	11/30/1984
AD1		6,806,524	02/21/1989	Kawaguchi et al.	516	8	10/03/1985
AE1		5,010,002	04/23/1991	Levinson et al.	635	69.2	03/22/1990
AF1		5,547,933	08/20/1996	Lin	514	8	06/07/1995
AG1		5,618,698	04/08/1997	Lin	635	69.4	06/06/1995
AH1		5,689,679	11/18/1997	Powell	635	260.2	10/06/1993
AI1		5,736,349	05/26/1998	Lin	635	325	06/06/1995
AJ1		5,783,559	07/21/1998	Florin-Robertson et al.	514	12	01/10/1994
AK1							
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL1		WO 86/03520	06/19/1986	WIPO/PCT			Yes No
AM1		WO 98/00530	01/08/1998	WIPO/PCT			Yes No
AN1		WO 00/27419	05/18/2000	WIPO/PCT			Yes No
AO1		WO 00/27869	05/18/2000	WIPO/PCT			Yes No
AP1		WO 00/27997	05/18/2000	WIPO/PCT			Yes No
OTHER (including Author, Title, Date, Pertinent Pages, etc.)							
	AR	1	Andersen, B.C. and Goochac, C.F., "The effect of cell-culture conditions on the oligosaccharide structures of secreted glycoprotein," <i>Curr. Op. Biotech.</i> 5:548-549, Current Biology Ltd. (1994).				
	AS	1	Bordure, M.C. and Koury, M.J., "Anemia Induces Accumulation of Erythropoietin mRNA in the Liver," <i>Mol. Cell. Biol.</i> 6:2731-3, American Society for Microbiology (1986).				
	AT	1	Borsig, H., et al., "Polycythemic Response in Normal Adult Rats to a Nonprotein Plasma Extract from Anemic Rabbies," <i>Blood</i> 9:736-742, Grune and Stratton, Inc. (1954).				
EXAMINER				DATE CONSIDERED			
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>1909-0030002/JAG/CH3</p>							

EXAMINER: Initial if reference considered, whether or not citation is in conformance with HPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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FORM PTO-1469 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1909.0030002/JAG/CX3	APPLICATION NO. 09/530,964		
				APPLICANT Carcagno et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL2		ED 00/28066	03/18/2000	WIPO/PCT			Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (including Author, Title, Date, Pertinent Pages, etc.)							
AR	2	Bowie, J.U., et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, American Association for the Advancement of Science (1990).					
AS	2	Broom, P.R. and Krstulovic, A.M., "Practical Aspects of Reverse-Phase Liquid Chromatography Applied to Biochemical and Biomedical Research," <i>Anal. Biochem.</i> 99:1-21, Academic Press, Inc. (1979).					
AT	2	Burg, J., et al., "Human erythropoietin recombinant production by fermentation and protein purification using a series of chromatographic steps," <i>Chem. Abstracts</i> 126:315 Abstract No. 57095J, American Chemical Society (1997).					
EXAMINER						DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1649 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/830,964	
				APPLICANT Carcagno et al.		
				FILING DATE May 3, 2001	GROUP To Be Assigned	
				U.S. PATENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
AR	3	Busuttil, R.H., et al., "The Cytological Localization of Erythropoietin in the Human Kidney Using the Fluorescent Antibody Technique," Proc. Soc. Exp. Biol. Med. 137:327-330, Academic Press, Inc. (1971).				
AS	3	Busuttil, R.H., et al., "Localization of Erythropoietin in the Glomerulus of the Hypoxic Dog Kidney Using a Fluorescent Antibody Technique," Acta Haemat. 47:238-242, S. Karger (1972).				
AT	3	Carnot, H.P. and Deflandre, C., "Sur l'activité hématopoïétique du sérum au cours de la régénération du sang," C.R. Acad. Sci. 143:384-386, (1906).				
EXAMINER				DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with KPPR 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

FORM PTO-1669 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/630,964		
		APPLICANT Carcagno et al.					
		FILING DATE Nov 3, 2001		GROUP To Be Assigned			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
AA							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	4	Carnot, H.P. and Deplandre, C., "Sur l'activité hémopoïétique des différents organes au cours de la régénération du sang," C.R. Acad. Sci. 143:632-635 (1906).					
AS	4	Carnot, H.P., "Sur le Mécanisme de l'hyperglobuline Provoquée par le Sérum d'animaux en Rénovation Sanguine," C.R.H. Sean. Mem. Soc. Biol. 111:344-346, Libraires de l'Académie de Médecine (1906).					
AT	4	Carnot, H.P., "Sur L'activité Cytopoïétique du Sang et des Organes Régénérés au Cours des Régénérations viscérales," C.R.H. Sean. Mem. Soc. Biol. 111:463-465, Libraires de l'Académie de Médecine (1906).					
EXAMINER							DATE CONSIDERED
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FORM PTO-1669 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1909-0030002/JAG/CK3	APPLICATION NO. 09/630,964		
				APPLICANT Carcamo et al.			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	5	Caro, J. and Erslev, A.J., "Biologic and immunologic erythropoietin in extracts from hypoxic whole rat kidneys and in their glomerular and tubular fractions," J. Lab. Clin. Med 103:922-931, C.V. Mosby Company (1984).					
AS	5	Caro, J., et al., "Erythropoietin Production by an Established Kidney Proximal Tubule Cell Line (LLCPK1)," Exp. Hematol 12:357, Springer-Verlag (1984).					
AT	5	Caro, J., et al., "Erythropoietin in Liver tissue extracts and in Liver perfusates from hypoxic rats," Am. J. Physiol. 244:E431-E434, American Physiological Society (1983).					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with RMPR 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1469 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CMS	APPLICATION NO. 09/830,985		
				APPLICANT Corcagno et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AH						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	§	Dinklekar, R.B., et al., "Metabolic Studies on Erythropoietin (Ep): II. The Role of Liver and Kidney in the Metabolism of Ep," <i>Exp. Hematol.</i> 9:796-803, Allen Press, Inc. (1981).					
AS	§	Bornfest, B.S., et al., "Hepatic production of erythropoietin in a phenylhydrazine-induced compensated hemolytic state in the rat," <i>J. Lab. Clin. Med.</i> 102:276-85, C.V. Mosby Company (1983).					
AT	§	Bornfest, B.S., et al., "Recovery of an Erythropoietic Inducing Factor from the Regenerating Rat Liver," <i>Ann. Clin. Lab. Sci.</i> 11:37-66, Institute for Clinical Science (1981).					
EXAMINER							DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with 37 CFR 1.59. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/830,964		
				APPLICANT Corcagno et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
<u>U.S. PATENT DOCUMENTS</u>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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<u>FOREIGN PATENT DOCUMENTS</u>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
<u>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</u>							
AR	Z	Erslev, A., "Humoral Regulation of Red Cell Production," <i>Blood</i> 8:369-357, Grune and Stratton, Inc. (1953).					
AS	Z	Erslev, A.J., "In Vitro Production of Erythropoietin by Kidneys Perfused With a Serum-free Solution," <i>Blood</i> 44:77-85, Grune and Stratton, Inc. (1974).					
AT	Z	Erslev, A.J. and Coro, J., "Physiologic and Molecular Biology of Erythropoietin," <i>Med. Oncol. Tumor Pharmacother.</i> 3:159-166, Pergamon Press (1986).					
EXAMINER							DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with 35 U.S.C. 102(e). Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1449				ATTY. DOCKET NO. 1909-C030002/JAG/CHB	APPLICATION NO. 09/630,965		
INFORMATION DISCLOSURE STATEMENT				APPLICANT Correa et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	B	Eschbach, J.H., et al., "Correction of the Anemia of End-Stage Renal Disease with Recombinant Human Erythropoietin," New Eng. J. Med. 316:73-78, Massachusetts Medical Society (1987).					
AS	B	Fisher, J.W. and Birdsell, B.J., "The Production of an Erythropoietic Factor by the In Situ Perfused Kidney," Acta Haemat. 26:224-232, S. Karger (1961).					
AT	B	Fisher, J.W., et al., "Localization of Erythropoietin in Glomeruli of Sheep Kidney by Fluorescent Antibody Technique," Nature 205:611-612, Macmillan Magazines Ltd. (1965).					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/C18	APPLICATION NO. 09/850,964		
				APPLICANT Carcagno et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AN						Yes No	
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AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	2	Fisher, J.B., "Pharmacologic Modulation of Erythropoietin Production," <i>Ann. Rev. Pharmacol. Toxicol.</i> 28:101-122, Annual Reviews, Inc. (1988).					
AS	2	Frenkel, E.P., et al., "Some Observations on the Localization of Erythropoietin," <i>Ann. N.Y. Acad. Sci.</i> 149:292-293, New York Academy of Sciences (1968).					
AT	2	Gordon, A.S., et al., "A Plasma Extract with Erythropoietic Activity," <i>Proc. Soc. Exp. Biol. Med.</i> 86:255-258, Society for Experimental Biology and Medicine (1954).					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with 35 U.S.C. 141. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1909.0030002/JAG/CMB		APPLICATION NO. 09/830,964			
		APPLICANT Corcagno et al.					
		FILING DATE May 3, 2001		GROUP To Be Assigned			
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	10	Hen, P., et al., "Cloning of a human erythropoietin cDNA and its expression in COS-7 cells," <i>Chem. Abstracts</i> Abstract No. 511352 (1996).					
AS	10	Hodgson, G. and Tohé, J., "The Erythropoietic Effect of Urine and Plasma of Repeatedly Bled Rabbits," <i>Blood</i> 9:299-309, Grune and Stratton, Inc. (1954).					
AT	10	Jacobs, K., et al., "Isolation and characterization of genomic and cDNA clones of human erythropoietin," <i>Nature</i> 313:806-810, Macmillan Magazines Ltd. (1985).					
EXAMINER						DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1669				ATTY. DOCKET NO. 1909.0030002/JAG/CMS	APPLICATION NO. 09/830,934		
<u>INFORMATION DISCLOSURE STATEMENT</u>				APPLICANT Cercagno et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	11	Jacobsen, L.O., et al., "Role of the Kidney in Erythropoiesis," <i>Nature</i> 179:633-634, Macmillan Magazines Ltd. (1957).					
AS	11	Jelkmann, H., et al., "Extraction of Erythropoietin from Isolated Renal Glomeruli of Hypoxic Rats," <i>Exp. Hematol.</i> 11:581-588, Allen Press, Inc. (1983).					
AT	11	Jixian, D., et al., "Study on a serum-free medium used for production of rHuEPO," <i>Bull. Acad. Mil. Med. Sci.</i> 21:244-246, Academy of Military Medical Sciences (1997).					
EXAMINER						DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with 37 CFR 1.59. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1469 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1909-0030002/JAG/C28		APPLICATION NO. 09/630,966			
		APPLICANT Carcagno et al.		FILING DATE May 3, 2001		GROUP To Be Assigned	
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes	
AL						No	
AM						Yes	
AM						No	
AN						Yes	
AN						No	
AO						Yes	
AO						No	
AP						Yes	
AP						No	
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	12	Kazal, L.A. and Erelav, A.J., "Erythropoietin Production in Renal Tumors," <i>Ann. Clin. Lab. Sci.</i> 5:98-109, Institute for Clinical Science (1975).					
AS	12	Krebs, N.K., "The Role of Erythropoietin in the Anemia of Chronic Renal Failure," <i>H. Ford Hosp. Med. J.</i> 31:177-181, Henry Ford Hospital (1983).					
AT	12	Koury, S.T., et al., "Localization of Erythropoietin Synthesizing Cells in Murine Kidneys by In Situ Hybridization," <i>Blood</i> 70:526-527, Grune and Stratton, Inc. (1988).					
EXAMINER			DATE CONSIDERED				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1669 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/830,964		
				APPLICANT Corciano et al.			
				FILING DATE May 3, 2001	GROUP To Be Assigned		
<u>U.S. PATENT DOCUMENTS</u>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE	
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<u>FOREIGN PATENT DOCUMENTS</u>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
AL						Yes No	
AM						Yes No	
AN						Yes No	
AO						Yes No	
AP						Yes No	
<u>OTHER (including Author, Title, Date, Pertinent Pages, etc.)</u>							
AR	13	Koury, S.T., et al., "Quantitation of Erythropoietin-Producing Cells in Kidneys of Mice by In Situ Hybridization: Correlation With Hematocrit, Renal Erythropoietin mRNA, and Serum Erythropoietin Concentration," <i>Blood</i> 74:645-651, Grune and Stratton, Inc. (1989).					
AS	13	Kuretowska, Z., et al., "Studies on the Production of Erythropoietin by Isolated Perfused Organs," <i>Blood</i> 18:527-534, Grune and Stratton, Inc. (1961).					
AT	13	Kurtz, A., et al., "Renal mesangial cell cultures as a model for study of erythropoietin production," <i>Proc. Natl. Acad. Sci. USA</i> 80:4008-4011, National Academy of Sciences (1983).					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with NPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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FORM PTO-1649 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/230,964	
				APPLICANT Carcagno et al.		
				FILING DATE May 3, 2001	GROUP <i>To Be Assigned</i>	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	
AA						
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
AR	16	Locardi, C., et al., "Peritubular Cells Are the Site of Erythropoietin Synthesis in the Murine Hypoxic Kidney," <i>J. Clin. Invest.</i> 81:620-628, Rockefeller University Press (1988).				
AS	16	Liu, P., et al., "Hepatic Erythropoietin (Ep) Production Following Double Partial Hepatectomy in the Rat," <i>J. Surg. Oncol.</i> 15:121-132, Alan R. Liss, Inc. (1980).				
AT	16	Naughton, B.A., et al., "Reticuloendothelial System (RES) Hyperfunction and Erythropoietin (Ep) Production in the Regenerating Liver," <i>J. Surg. Oncol.</i> 12:227-242, Alan R. Liss, Inc. (1979).				
EXAMINER					DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with 37CFR 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CMB	APPLICATION NO. 09/830,964	
				APPLICANT Corecchio et al.		
				FILING DATE May 3, 2001	GROUP To Be Assigned	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA						
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (including Author, Title, Date, Pertinent Pages, etc.)						
AR	15	Naughton, B.A., et al., "Evidence for a Hepatic-Renal Antagonism in the Production of Hepatic Erythropoietin," <i>Ann. Clin. Lab. Sci.</i> 13:432-438, Institute for Clinical Science (1983).				
AS	15	Parsons, T.C., et al., "Rapid and Easy Separation of the Subunits of Bovine and Human Glycoprotein Hormones by Use of High Performance Liquid Chromatography," <i>Endocrinology</i> 114: 2223-2227. J.B. Lippincott Co. (1984).				
AT	15	Reisman, K.R., "Studies on the Mechanism of Erythropoietic Stimulation in Parabiotic Rats During Hypoxia," <i>Blood</i> 5:372-380, Grune and Stratton, Inc. (1950).				
EXAMINER	DATE CONSIDERED					
DISCLAIMER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.						

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909-0030002/JAB/CHB	APPLICATION NO. 09/830,964			
				APPLICANT Carcagno et al.				
				FILING DATE May 3, 2001	GROUP <u>To Be Assigned</u>			
<u>U.S. PATENT DOCUMENTS</u>								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE		
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<u>FOREIGN PATENT DOCUMENTS</u>								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
AL						Yes No		
AM						Yes No		
AN						Yes No		
AO						Yes No		
AP						Yes No		
<u>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</u>								
AR	16	Schuster, J.W., et al., "Physiologic Regulation and Tissue Localization of Renal Erythropoietin Messenger RNA," <i>Blood</i> 70:316-318, Grune and Stratton, Inc. (1987).						
AS	16	Sherwood, J.B., et al., "Erythropoietin Production by Human Renal Carcinoma Cells in Culture," <i>Endocrinology</i> 99:504-510, J.B. Lippincott Co. (1976).						
AT	16	Takegaki, Y., et al., "Amino Acid Sequence of the Membranous Segment of Rabbit Liver Cytochrome b," <i>J. Biol. Chem.</i> 255:1536-1541, American Society of Biological Chemists, Inc. (1980).						
EXAMINER					DATE CONSIDERED			
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909.0030002/JAG/CNS	APPLICATION NO. 09/830,964	
				APPLICANT Carcagno et al.		
				FILING DATE May 3, 2001	GROUP To Be Assigned	
<u>U.S. PATENT DOCUMENTS</u>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	
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<u>FOREIGN PATENT DOCUMENTS</u>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
<u>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</u>						
AR	18	International Search Report of International Application No. PCT/US99/26239, March 7, 2000.				
AS	18	International Search Report of International Application No. PCT/US99/26261, March 7, 2000.				
AT	18	International Search Report of International Application No. PCT/US99/26240, February 22, 2000.				
EXAMINER					DATE CONSIDERED	
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1909-0030002/JAG/CNB	APPLICATION NO. 09/830,964	
				APPLICANT Carcagno et al.		
				FILING DATE May 3, 2001	GROUP To Be Assigned	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
AR	19	International	Search Report of International Application No. PCT/US99/26237, February 18, 2000.			
AS	19					
AT						
EXAMINER				DATE CONSIDERED		
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